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PTO/SB/05 (11-00)
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UTILITY PATENT APPLICATION TRANSMITTAL

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Attorney Docket No. 678-654 (P9806)

First Inventor Min-Goo KIM, et al.

Title FLEXIBLE DATA RATE MATCHING ...

(Only for new nonprovision	onal applications under 37 CFR 1.53((b)) Ex	press Mail Label No.	EL7135724170	JS #	
APPLICATION ELEMENTS			ADDDECC TO.	sistant Commissox Patent Applica	sioner for Patents	
See MPEP chapter 600 concerning utility patent application contents.				ashington, DC 2		
Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Applicant claims small entity status. See 37 CFR 1.27. Specification [Total Pages 42] - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 14] 5. Oath or Declaration [Total Pages 2] a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuationIdivisional with Box 18 completed) i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)			7. CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>) 8. Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of Attorney 11. English Translation Document (<i>if applicable</i>) 12. Information Disclosure Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Pnority Document(s)			
	the prior application, see 37 CFR) and 1 33(b)			cant must attach	35 U.S.C. 122 n form PTO/SB/35	
	a Sheet, See 37 CFR 1.76		or its equivalent. 17. Other:			
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No Prior application information Examiner Group Art Unit. For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts					n is supplied under	
	19. CORRESP	O.I.B.L.II.G				
Customer Number or Bar C	Code Label (Insert Customer No. or At	tach bar code	label here) or V	Correspondence a	address below	
Name	Paul J. Farrell					
	DILWORTH & BARRESE, LI	P				
Address	333 Earle Ovington Blvd.					
City	Uniondale	Sta	ate New York	Zıp Code	11553	
Country	U.S.A	Telepho	one (516) 228-8484	Fax	(516) 228-8516	
Name (Print/Type)	Peter G. Dilworth		Registration No. (Attorne	ev/Agent) 26,4	50	
Signature	Ata Malin	nt	£,	Date 4/23	/01	
CERTIFICATION LINDER 37 C F R \$ 1.10						

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL713872417US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: April 23, 2001

Michael J. Porco

FFF TRANSMITTAL	Complete if Known
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		for	FY	200	1	

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 822.0	С
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Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Min-Goo KIM, et al.			
Examiner Name				
Group Art Unit				
Attorney Docket No.	678-654 (P9806)			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to.	3. ADDITIONAL FEES			
Deposit	Large Entity Small Entity Fee Fee Fee Fee Fee Fee Code (\$) Code (\$) Fee Description	ee Paid		
Account Number 04-1121	Sode (\$) Code (\$)	e Paid		
Deposit Account DILWORTH & BARRESE, LLP	Caronargo rate ming ree or carr			
Name DEWORTH & BARRESE, ELI	127 50 227 25 Surcharge - late provisional filing fee or cover sheet			
Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17	139 130 139 130 Non-English specification			
Applicant claims small entity status	147 2,520 147 2,520 For filing a request for ex parte reexamination			
See 37 CFR 1.27	112 920* 112 920* Requesting publication of SIR prior to Examiner action			
2. X Payment Enclosed: X Check Credit card Money Order Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action			
FEE CALCULATION	115 110 215 55 Extension for reply within first month			
1. BASIC FILING FEE	116 390 216 195 Extension for reply within second month			
Large Entity Small Entity	117 890 217 445 Extension for reply within third month			
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	118 1,390 218 695 Extension for reply within fourth month			
101 710 201 355 Utility filing fee \[\begin{array}{cccccccccccccccccccccccccccccccccccc	128 1,890 228 945 Extension for reply within fifth month			
106 320 206 160 Design filing fee	119 310 219 155 Notice of Appeal			
107 490 207 245 Plant filing fee	120 310 220 155 Filing a brief in support of an appeal			
108 710 208 355 Reissue filing fee	121 270 221 135 Request for oral hearing			
114 150 214 75 Provisional filing fee	138 1,510 138 1,510 Petition to institute a public use proceeding			
	140 110 240 55 Petition to revive - unavoidable			
SUBTOTAL (1) (\$) 710.00	141 1,240 241 620 Petition to revive - unintentional			
2. EXTRA CLAIM FEES Fee from	142 1,240 242 620 Utility Issue fee (or reissue)]		
Extra Claims below Fee Paid	143 440 243 220 Design issue fee			
Total Claims 24 -20** = 4 X 18 = \$72	144 600 244 300 Plant issue fee			
Independent Claims $3 - 3^{**} = 0 \times 80 = 0$	122 130 122 130 Petitions to the Commissioner			
Multiple Dependent 270 = 0	123 50 123 50 Processing fee under 37 CFR 1 17(q)			
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure Stmt			
Large Entity Small Entity Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment per property (times number of properties) \$40	, 		
103 18 203 9 Claims in excess of 20	146 710 246 355 Filing a submission after final rejection			
102 80 202 40 Independent claims in excess of 3	(37 CFR § 1.129(a))			
104 270 204 135 Multiple dependent claim, if not paid	For each additional invention to be examined (37 CFR § 1.129(b))			
109 80 209 40 ** Reissue independent claims over original patent	179 710 279 355 Request for Continued Examination (RCE)			
110 18 210 9 ** Reissue claims in excess of 20	169 900 169 900 Request for expedited examination of a design application			
and over original patent	Other fee (specify)			
SUBTOTAL (2) (\$) 72.00	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00			
SUBMITTED BY Complete (if applicable)				
Name (PrintiType) Peter G. Dilworth	Registration No. (AttorneylAgent) 26,450 Telephone (516) 228-8484	,=		

CERTIFICATION UNDER 37 C.F.R. § 1.10

Date

4/23/01

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL713572417US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231

Dated: April 23, 2001

Signature



Atty. Docket No. <u>678-564 (P9806)</u>

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents Washington, D.C. 20231

UTILITY APPLICATION DATA SHEET UNDER 37 C.F.R. §1.76

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Min-Goo KIM, Young-Hwan LEE, Jin-Soo PARK, Ho-Kyu CHOI

For:

FLEXIBLE DATA RATE MATCHING APPARATUS AND METHOD IN A DATA COMMUNICATION SYSTEM

Enclosed are:

[X] 36 page(s) of specification

[X] <u>1</u> page(s) of Abstract

[X] <u>5</u> page(s) of claims

sheets of drawings [X] formal [] informal [X] <u>14</u>

[X] <u>2</u> page(s) of Declaration and Power of Attorney

ASSIGNEE NAME: SAMSUNG ELECTRONICS CO., LTD.

ASSIGNEE RESIDENCE: KYUNGKI-DO, KOREA

Michael J. Porco

CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date. April 23, 2001 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL713572417US addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.

[]	This application claims the benefit under 35 U.S.C. §119(e) of U.S.
	Provisional Application(s) No(s).:

APPLICATION NO(S).:	FILING DATE
/	

[X] Certified copy of applications

Country	Appln. No.	<u>Filed</u>
Korea	22039/2000	April 21, 2000
Korea	21672/2000	April 24, 2000
Korea	22295/2000	April 26, 2000
Korea	22521/2000	April 27, 2000

from which priority under Title 35 United States Code, § 119 is claimed [] is enclosed.

[X] will follow.

CALCULATION OF UTILITY APPLICATION FEE

For	Number Filed	Number Extra	Rate	Basic Fee \$710.00
TOTAL CLAIMS	24	4	x 18 =	\$72
INDEPENDENT CLAIMS	3	0	x 80 =	\$0
[] Multiple Dep. Claim	0		270	\$0
		TOTAL\$782.00		

[] Verified Statement of "Small Entity" Status Under 37 C.F.R. § 1.27. Reduced fees under 37 C.F.R. § 1.9(f) (50% of total) paid herewith §.

^{*}Includes all independent and single dependent claims and all claims referred to in multiple claims. See 37 C F.R. § 1.75(c)

- [X] The amount of \$40.00 for recording the attached Assignment is enclosed as a separate check.
- [X] Check in the amount of \$782.00 to cover the [] recording, [X] filing fee(s) are attached.
- [] Charge fee to Deposit Account No. 04-1121. Order No. _____
 TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.
- [X] Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and 1.17, at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account No. 04-1121. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 04-1121 therefor. TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.

Date: April 23, 2001

Peter G. Dilworth Reg. No. 26,450 lwoth

DILWORTH & BARRESE 333 Earle Ovington Blvd. Uniondale, NY 11553 Tel. No. (516) 228-8484 Fax. (516) 228-8516